

## OPINION 647

**CICADELLA LATREILLE, 1817 (INSECTA, HEMIPTERA); VALIDATION UNDER THE PLENARY POWERS**

**RULING.**—(1) Under the plenary powers the generic name *Cicadella* Duméril, 1806, and all other uses of that generic name prior to that by Latreille, 1817, are hereby suppressed for the purposes of both the Law of Priority and the Law of Homonymy.

(2) The following generic names are hereby placed on the Official List of Generic Names in Zoology with the Name Numbers specified :

(a) *Cicadella* Latreille, 1817 (gender : feminine), type-species, by designation by Van Duzee, 1916, *Cicada viridis* Linnaeus, 1758 (Name No. 1505) ;

(b) *Eupteryx* Curtis, 1831 (gender : feminine), type-species, by designation by Curtis, 1837, *Cicada picta* Fabricius, 1794 (Name No. 1506).

(3) The following specific names are hereby placed on the Official List of Specific Names in Zoology with the Name Numbers specified :

(a) *viridis* Linnaeus, 1758, as published in the binomen *Cicada viridis* (type-species of *Cicadella* Latreille, 1817) (Name No. 1864) ;

(b) *atropunctata* Goeze, 1778 as published in the binomen *Cicada atropunctata* (Name No. 1865).

(4) The following family-group names are hereby placed on the Official List of Family-Group Names in Zoology with the Name Numbers specified :

(a) **CICADELLIDAE** Latreille, 1825 (type-genus *Cicadella* Latreille, 1817) (Name No. 334) ;

(b) **TETTIGONIIDAE** Krauss, 1902 (type-genus *Tettigonia* Linnaeus, 1758) (Insecta, Orthoptera) (Name No. 335) ;

(c) **LEDRIDAE** Kirschbaum, [1867] (type-genus *Ledra* Fabricius, 1803) (Name No. 336).

(5) The following generic names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name Numbers specified :

(a) *Cicadella* Duméril, 1806 (as suppressed under the plenary powers in (1) above) (Name No. 1588) ;

(b) *Tettigella* China & Fennah, 1945 (a junior objective synonym of *Cicadella* Latreille, 1817) (Name No. 1589) ;

(c) *Cicadella*, all uses of, prior to that by Latreille, 1817 (as suppressed under the plenary powers in (1) above) (Name No. 1590).

(6) The following family-group names are hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology with the Name Numbers specified :

(a) **TETTIGONIDES** Amyot & Serville, 1843 (type-genus *Tetigonia* Geoffroy, 1762) (based on an unavailable generic name) (Name No. 364) ;

- (b) TETTIGELLINAE Evans, 1947 (type-genus *Tettigella* China & Fennah, 1945) (a junior objective synonym of CICADELLIDAE Latreille, 1825) (Name No. 365);
- (c) AMBLYCEPHALINAE China, 1939 (type-genus *Amblycephalus* Curtis, 1833) (invalid because based on a junior homonym) (Name No. 366).

### HISTORY OF THE CASE (Z.N.(S.) 457)

The present case was first submitted to the office of the Commission in March 1950 by Dr. W. Wagner. Since the position as regards family-group names was complicated, proposals for the Commission were finally drafted by the Assistant Secretary of the Commission, Dr. W. E. China, in consultation with other specialists. Dr. China's application was sent to the printer on 18 December 1960 and was published on 16 June 1961 in *Bull. zool. Nomencl.* 18 : 163-167. Public notice of the possible use of the plenary powers was given in the same part of the *Bulletin* as well as to the other prescribed serial publications (*Bull. zool. Nomencl.* 4 : 51-56) and to seven entomological serials.

As a result of a criticism by Dr. Holthuis the proposals as originally set out by Dr. China were amended by a note published on 10 November 1961 in *Bull. zool. Nomencl.* 18 : 327. The proposals were supported by Dr. Frej Ossiannilsson (*Bull. zool. Nomencl.* 18 : 327), Dr. H. H. Ross (*Bull. zool. Nomencl.* 18 : 356), Dr. W. Wagner and Dr. J. Dlabola. An objection received from Dr. W. J. Le Quesne was published in *Bull. zool. Nomencl.* 19 : 64.

### DECISION OF THE COMMISSION

On 7 February 1962 the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (62)1 either for or against the proposals set out in *Bull. zool. Nomencl.* 18 : 166-167 and as amended on page 327. At the close of the Voting Period on 7 May 1962 the state of the voting was as follows :

Affirmative Votes—twenty-one (21), received in the following order : Hering, Evans, Munroe, Mayr, Vokes, Miller, Lemche, Riley, Kühnelt, Key, Bonnet, Uchida, Borchsenius, Alvarado, do Amaral, Tortonese, Bradley, Jaczewski, Boschma, Mertens, Poll.

Negative Votes—two (2) : Holthuis, Stoll.

Leave of Absence—two (2) : Brinck, Prantl.

Voting Papers not returned—two (2) : Hemming, Obruchev.

The following comments were made by Commissioners in returning their votes :

*Dr. L. B. Holthuis* (14.ii.62) : "In casting a negative vote on this case I feel that I have to give my arguments. It is my belief that there is not sufficient reason here for the use of the plenary powers. If I read the application correctly, the name *Cicadella* Latreille, 1817, was reintroduced in 1916 by Van Duzee, the name until then having been overlooked by authors. In 1939 the name *Cicadella* Duméril, 1806, was revived by China, and *Cicadella* Latreille, 1817, rejected. For 23 years thus (1916-1939) *Cicadella* Latreille

was considered the correct name and also for exactly 23 years (1939–1962) *Cicadella* Duméril was known to be correct.

“As Le Quesne showed, there are a great number of modern authors who have followed China in using *Cicadella* Duméril, and that there is a trend to use this name more and more. Therefore it seems best not to turn the clock back, but to accept the use of the various names as they legally are under a strict application of the Code.”

Professor J. Chester Bradley (16.iv.62) : “Jacobi, 1904 wrote :

‘*Tettigoniella* n.n.

= *Tettigonia* auct. (Nec. L. nec. F.).

= *Tetigonia* Geoffroy (1762)’

Then he went on to prove that *Tetigonia* Geoffroy was a homonym of *Tettigonia* L., even though not spelled with a double ‘t’ and that it is moreover invalid, because Geoffroy’s work is not binary.

“One of the ‘indications’ that may serve to validate a generic name, if proposed prior to 1931 (Code Art. 12) is in the case that that name is proposed as a new name to replace a previously established name (Art. 16a (iii)). By ‘established name’ is meant ‘made available in the meaning of the Code’ (cf. Glossary).

“Since *Tetigonia* Geoffroy was not an available name, and ‘*Tettigonia* auct. nec. L.’ was an unnamed concept, Jacobi actually established a new genus (not merely a new name) and its type-species must be chosen from one of the two species that he included, namely : *Tettigonia nigrinervis* Stål, 1866, or *Tettigonia albida* Signoret, 1853.

“Since an unavailable generic name, like ‘*Tetigonia*’ Geoffroy has no nomenclatural status whatsoever, it cannot be regarded as having a type-species. From these considerations it is apparent that *viridis* is not type of *Tettigoniella*, and that the place of the latter in synonymy can only be established when its proper type-species is chosen, which I hope that the assistant secretary, as a specialist in Hemiptera, will now do.”

#### Designation of type-species for *Tettigoniella*

The Assistant Secretary, as a specialist in Hemiptera hereby designates *Tettigonia nigrinervis* Stål, 1866 (*Hemipt. Afr.* 4 : 116) as the type-species of the genus *Tettigoniella* Jacobi, 1904 (*Zool. Jahrb.* 19 : 778) thereby sinking it as a junior subjective synonym of *Poeciloscarta* Stål, 1869 (*K. Svensk. Vetensk. Akad. Handl.* 8 : 73). *Tettigoniella* Jacobi therefore, and the family-group name **TETTIGONIELLIDAE** Melichar, 1905, have not been placed on the Official Index as recommended in *Bull. zool. Nomencl.* 19 : 167, (5)(b) and (6)(c).

#### ORIGINAL REFERENCES

The following are the original references for names placed on Official Lists and Indexes by the Ruling given in the present Opinion :

**AMBLYCEPHALINAE** China, 1939, *Ann. Mag. nat. Hist.* (11)4 : 587  
*atropunctata*, *Cicada*, Goeze, 1778, *Ent. Beytr.* 2 : 162

- Cicadella* Duméril, 1806, *Zool. Analyt.* (Paris ed.) : 266  
*Cicadella* Latreille, 1817, in Cuvier, *Règne Anim.* 3 : 406  
 CICADELLIDAE Latreille, 1825, *Fam. nat. Règne Anim.* : 427  
*Eupteryx* Curtis, 1831, *Guide Arrang. Brit. Ins.* 6 : 192  
 LEDRIDAE Kirschbaum, [1867], *Jahrb. nassau. Ver. Naturk.* 21/22 : 14  
*Tettigella* China & Fennah, 1945, *Ann. Mag. nat. Hist.* (11)12 : 711  
 TETTIGELLINAE Evans, 1947, *Trans. roy. ent. Soc. London* 98(6) : 157  
 TETTIGONIDES Amyot & Serville, 1843 (Roret's Suites à Buffon), *Hist. nat. Ins. Hémiptères* : 569  
 TETTIGONIIDAE Krauss, 1902, *Zool. Anz.* 25 : 541  
*viridis*, *Cicada*, Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 438

The following are the original references for designations of type-species for two genera concerned in the present Ruling :

- For *Cicadella* Latreille, 1817 : Van Duzee, 1916, *Checklist of Hemiptera of America North of Mexico* : 66  
 For *Eupteryx* Curtis, 1831 : Curtis, 1837, *Brit. Ent.* 14 : pl. 640

#### CERTIFICATE

WE certify that the votes cast on Voting Paper (62)1 were cast as set out above, that the proposal set out in that Voting Paper, with the exception of paragraphs (5)(b) and (6)(c) has been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission is truly recorded in the present Opinion No. 647.

N. D. RILEY  
*Secretary*

*International Commission on Zoological Nomenclature*

W. E. CHINA  
*Assistant Secretary*

*London*  
*10 May 1962*